

Automated Commercial Environment—Requirements Recommendation

Date:	July 27, 2001
Number:	ITD-018
Requestor:	ITDS Sub-Committee
Customs Co-Chair:	Don Kusser
Trade Co-Chair:	Tom Anastasi and Sandra Scott

Requirement

ELECTRONIC ACCEPTANCE OF DATA:

ELECTRONIC NOTIFICATION OF ACCEPTANCE OF REGISTRATION

The Government (all agencies in ITDS) and the Trade have agreed that an Account based approach to obtaining data for the new ACE system is desirable. The data collected by this method includes parties to the transaction (shippers, sellers, consignees, buyers, manufacturers, brokers, forwarders, carriers, etc.) Additionally information about people in charge of the conveyance and their passengers is needed. Information about the conveyance, goods, entry number ranges is needed. This will allow this data to be submitted one time, link to the account, and avoid sending this data over and over on transactional basis.

There are hundreds of thousands of these that need to be loaded to the ACE system. Therefore, several electronic means for conveying this data are needed. Some of the providers of this data are very large and can convey data using industry standard data interchange methodologies and standards. Others are very small and will need a web based solution. The government will also need a means to enter data, manage the data, report the data, and a means to insure that duplication of data is avoided.

The data needs to be secure, backed up, and have a high level Disaster Recovery Plan.

The Implementation Guideline should envision all the possible data elements to support all agencies. Constantly changing the Message set one agency at a time will increase the costs to the Trade and the Government.

The trade should be given all of the government edits on the data to perform pre-edits prior to transmitting the data to the government. This will greatly reduce the traffic of reject messages and error handling processing.

Inquires to determine the status of account requests and disposition of the request are required. This should include dates/times to insure that agreed processing timeframes are met and measurable

The data submitted needs to be modifiable by the requestor both before and after acceptance.

Guaranteed delivery of requests, responses, and inquiries should be accomplished using MQSeries.

Business Need

This is important to the Trade because the need to send this data over and over on transaction basis is costly and unnecessary. It also gives the trade more confidence that the transactions will flow smoothly since Customs and perform their selectivity processes in advance. This will enhance the release process thereby making the border crossings more efficient and reduce delays. It will also allow Customs to employ Risk Management policies for the various Tracks. Currently 4 Tracks.

Technical Need

The need here is for timely, accurate submission of data 24x7. Various methods using standard data interchange methodologies and standards. A method for low volume participants and high volume participants. Guaranteed deliver of data using MQSeries is required.

Benefits

The benefits are for the Trade and the Government. Improved release times, less transmission of redundant data, less storage of data, improvement in compliance with government regulations, more timely method to perform selectivity, and use of Risk Management processes.

Risks

The Government needs to employ this with 24x7 availability with redundancy. If this data is not available in this manner for the release process the border will back up with incomplete transactions. Customs has demonstrated over the years that they cannot reliably execute written down time procedures. They are implemented differently in each port and often differently from one inspector to another. The costs of catching up when the systems are available costs Customs and the Trade considerable more than designing a system that eliminates the possibility of downtime.

Related Subcommittees

Communication, Entry, Multi-Modal, Architecture.

Priority: **Critical** ☐ **High** ☐ **Medium** ☐ **Low** ☐

Customs Use Only

Approved ☐

Not Approved ☐

Further Evaluation Required ☐